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PATENT ONLY



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Form PTO-1595
(Rev. 10/02)
(exp. 6/30/2005)

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To the Honorable Commissioner of Patents and Trademarks, Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Hisashi Nishikawa; Yoshiyuki Nakade; Ichiro Tateishi;
Masahide Onishi

Additional name(s) of conveying party(ies) attached? ☐ YES ☒ NO

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Correction of Assignment Recordation
 (previously recorded at Reel _____, Frame _____).
☐ Other

Execution Date: December 24, 2002

2. Name and address of receiving party(ies):

Name: Matsushita Electric Industrial Co., Ltd.

Internal Address: _____

Street Address: 1006, Oaza Kadoma
Kadoma-shi

City: Osaka

State: _____

Zip: 571-8501

Country: Japan

Additional name(s) & address(es) attached? ☐ YES ☒ NO

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application Number(s) 10/294,866

B. Patent Number(s) _____

Additional number(s) attached? ☐ YES ☒ NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Lawrence E. Ashery
 Internal Address: RatnerPrestia
 Street Address: Suite 301
One Westlakes
Berwyn, P.O. Box 980
 City: Valley Forge State: PA
 ZIP: 19482-0980

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number: 18-0350

Attach duplicate copy of this page if paying by deposit account.)

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9. Statement and signature.

To the best of my knowledge and belief the foregoing information is true and correct and any attached copy is of the original document.

Lawrence E. Ashery
 Name of Person Signing
34,515
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Lawrence E. Ashery
 Signature

Total number of pages including cover sheet, at _____

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USPTO Form 1595 [R&P]

PATENT
 REEL: 013685 FRAME: 0823

No legalization required

ASSIGNMENT

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

Inventor(s)ASSIGNOR(s)/
INVENTOR(s)

1. **Hisashi Nishikawa**
2. **Yoshiyuki Nakade**
3. **Ichiro Tateishi**
4. **Masahide Onishi**

has made an invention entitled: **ROTATIONAL ANGLE DETECTOR AND
ROTATIONAL ANGLE DETECTING METHOD** and has executed an
application for Letters Patent of the United States concurrently herewith;

ASSIGNEE

(Full Name
and address)

WHEREAS, the ASSIGNEE
Matsushita Electric Industrial Co., Ltd.

1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501 Japan

is desirous of acquiring the entire interest in and to said invention and the
Letters Patent to be obtained therefor,

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to
ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good
and valuable consideration, the receipt of which is hereby acknowledged,
ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers
to ASSIGNEE, its successors and assigns the full and exclusive right, title and
interest in and to said invention, all applications for Letters Patent for said
invention, including all divisions and continuations thereof, all rights to claim
priority based thereon, and all Letters Patent, including reissues, to be
obtained therefor, including any and all foreign patent rights in this invention
corresponding thereto.

ASSIGNOR hereby warrants that no assignment, sale, agreement or
encumbrance has been or will be made or entered into which would conflict
with this Assignment.

ASSIGNOR agrees it shall be legally bound, upon request of the
ASSIGNEE or its successors or assigns or a legal representative thereof, to
supply all information and evidence of which the ASSIGNOR has knowledge or
possession, relating to the making and practice of said invention, to testify in
any legal proceeding relating thereto, to execute all instruments proper to
patent the invention in the United States of America and foreign countries in
the name of the ASSIGNEE, and to execute all instruments proper to carry out
the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to
ASSIGNEE such control over any deposit made by ASSIGNOR as may be
necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

	(Typed or Printed Name)	(Signature)	(Date)
SIGNATURE	1. <u>Hisashi Nishikawa</u>	<u>Hisashi Nishikawa</u>	December 24, 2002
	2. <u>Yoshiyuki Nakade</u>	<u>Yoshiyuki Nakade</u>	December 24, 2002
	3. <u>Ichiro Tateishi</u>	<u>Ichiro Tateishi</u>	December 24, 2002
	4. <u>Masahide Onishi</u>	<u>Masahide Onishi</u>	December 24, 2002

Application for United States Letters Patent

Serial No. 10/294,866

Filed November 14, 2002

Attorney Docket No. **MAT-8340US**.